

## IPV9/IPV4NAT routing apparatus

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### Abstract of CN 1411248 (A)

This invention discloses an IPV9/IPV4 NAT router and domain name gate, file transmission gate and route of which are parallel to the interface of applied and transmission layer to be serial in sequence with transmission layer, protocol, address translation manager to be parallel with IPV9 protocol stack, static/dynamic image, protocol translator and IPV4 protocol stack, and the static/dynamic image, protocol translator are parallel with an address pool, IPV9 protocol stack IPV4 protocol stack are parallel with the network interface, the network interface and protocol translator are connected with IPV9 protocol stack, user manage interface is connected with the router and address pool. This invention transparently realizes protocol address translation and ordinary communication with inner network IPV9, IPV4 and Internet.

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